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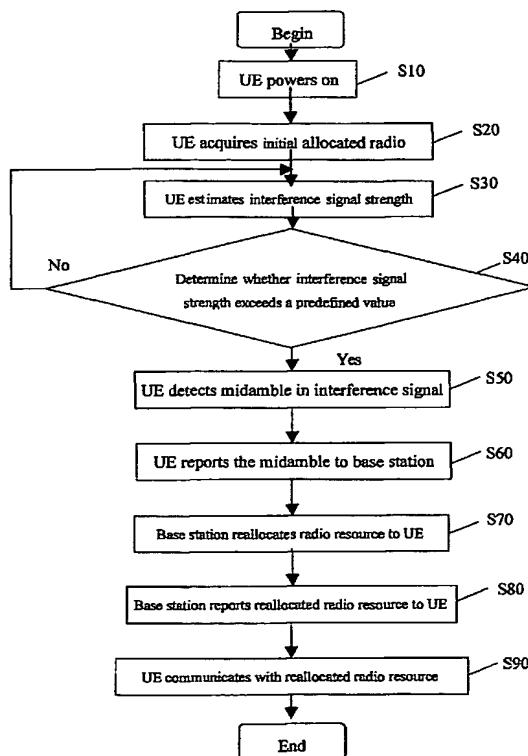
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(75) Inventor/Applicant (for US only): JIA, Qunli [CN/CN];
Philips Electronics China, 21/F Kerry Office Building 218
Tian Mu, Xi Road, Shanghai 200070 (CN).
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ELECTRONICS N.V.; c/o HAQUE, Azir, Philips Elec-
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(71) Applicant (for all designated States except US): KONIN-
KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR DYNAMIC CHANNEL ALLOCATION IN TDD CDMA COMMUNICATION SYSTEM



(57) Abstract: A DCA (dynamic channel allocation) method is proposed for use in TDD CDMA communication systems, to be performed by a UE (user equipment), comprising: in a downlink timeslot, receiving the signals transmitted by a network system to each UE allocated in the downlink timeslot; estimating the strength of each interfering signal introduced by the signals transmitted to other UEs to the signal transmitted to the LIE in the received signals; transmitting the information about each interfering UE whose interfering signal strength exceeds a predefined value, to the network system via an uplink.

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